

INTERNATIONAL SEARCH REPORT

International application No

PCT/JP2006/307010

A. CLASSIFICATION OF SUBJECT MATTER
INV. G06F21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-------------------------------------|
| X | FRANK SCHWELLINGER: "Humans only" C'T', no. 12/2003, 2 June 2003 (2003-06-02), XP002390619 Heise Verlag page 214 - page 217 | 1,7,8, 10-12, 16,17, 19,20 |
| X | US 2004/003258 A1 (BILLINGSLEY ERIC N ET AL) 1 January 2004 (2004-01-01) paragraph [0016] - paragraph [0019] | 1,7,8, 10-12, 16,17, 19,20 |
| X | EP 1 408 391 A (TELEFONAKTIEBOLAGET LM ERICSSON) 14 April 2004 (2004-04-14) paragraph [0008] - paragraph [0009] -/- | 1-4, 11-13, 19,20 |

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

27 September 2006

Date of mailing of the international search report

13/10/2006

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-------------------------|
| X | DE 196 20 346 A1 (ROBERT BOSCH GMBH, 70469 STUTTGART, DE) 27 November 1997 (1997-11-27) column 2, line 20 - line 63 ----- | 1-4, 11-13, 19,20 |
| A | US 2004/260955 A1 (MANTYLA JANNE) 23 December 2004 (2004-12-23) abstract ----- | |
| A | WO 96/18139 A (PHILIPS ELECTRONICS N.V; PHILIPS NORDEN AB) 13 June 1996 (1996-06-13) abstract ----- | |
| A | COSMO: "Barcode Toolbox Plug-ins" GRAPHICS.COM, [Online] 21 March 2003 (2003-03-21), XP002400719 Web Archive Retrieved from the Internet: URL: http://web.archive.org/web/20030321193730/http://www.graphics.com/modules.php?name=News&file=article&sid=120 [retrieved on 2006-09-26] paragraph [0002] ----- | 5,14 |
| A | US 2005/057510 A1 (BAINES DONALD A ET AL) 17 March 2005 (2005-03-17) abstract ----- | 5,14 |
| A | DE 199 03 105 A1 (BB-DATA GESELLSCHAFT FUER INFORMATIONS- UND KOMMUNIKATIONSSYSTEME MBH) 3 August 2000 (2000-08-03) abstract ----- | 5,6,9, 14,15,18 |
| A | WO 2005/055009 A (MOTION PICTURE ASSOCIATION OF AMERICA; WILLIAMS, JIM, C) 16 June 2005 (2005-06-16) abstract ----- | 5,6,9, 14,15,18 |

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☒ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1,2,3,4,7,8,10,11,12,13,16,17,19,20

an authentication system where the secret information is
input by the user into the input device

2. claims: 5,6,9,14,15,18

an authentication system where the secret information is
automatically transferred from the output device to the input
device, the user somehow connecting both

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|---|--|
| US 2004003258 | A1 | 01-01-2004 | AU 2003248752 A1 CN 1666175 A EP 1540468 A1 WO 2004003736 A1 | 19-01-2004 07-09-2005 15-06-2005 08-01-2004 |
| EP 1408391 | A | 14-04-2004 | AU 2003275999 A1 CN 1732422 A WO 2004034237 A2 JP 2006508426 T US 2006149846 A1 | 04-05-2004 08-02-2006 22-04-2004 09-03-2006 06-07-2006 |
| DE 19620346 | A1 | 27-11-1997 | GB 2313460 A JP 10097500 A | 26-11-1997 14-04-1998 |
| US 2004260955 | A1 | 23-12-2004 | NONE | |
| WO 9618139 | A | 13-06-1996 | NONE | |
| US 2005057510 | A1 | 17-03-2005 | NONE | |
| DE 19903105 | A1 | 03-08-2000 | AU 2110300 A CA 2398323 A1 WO 0048060 A1 EP 1163559 A1 JP 2002536934 T | 29-08-2000 17-08-2000 17-08-2000 19-12-2001 29-10-2002 |
| WO 2005055009 | A | 16-06-2005 | NONE | |